

**Jubon Engineering, P. C.**

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356 Winters Hill Drive  
Atlanta, Georgia 30360-1331

Telephone: 770-828-0120 Fax: 770-828-0128

FCC MAIL ROOM

24 August 1995

Federal Communications Commission  
Office of the Secretary  
Re: FCC CC Docket 92-237  
Washington, DC 20554

DOCKET FILE COPY ORIGINAL

ORIGINAL

Re: Application/nomination for membership  
on the North American Numbering Council



To: The Secretary of the Federal Communications Commission

Pursuant to FCC Public Notice release DA 95-1721, please find herewith an original and nine (9) copies of the Application of Jan David Jubon for membership on the new North American Numbering Council established by FCC CC Docket 92-237. Also please find an additional copy of this cover letter marked "File Copy".

Please date stamp the cover letter "File Copy" and return it to the applicant in the provided, addressed, postage pre-paid, return envelope.

Communications and questions may be addressed directly to the applicant, undersigned.

Respectfully submitted,

Jan David Jubon, P. E.  
Jubon Engineering, P. C.

Attmts:

No. of Copies rec'd  
List A B C D E

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**FCC MAIL ROOM**

FCC CC Docket No. 92-237

1. Jan David Jubon, an individual, hereby applies for membership on the North American Numbering Council Advisory Committee (NANC). The NANC is being established by the Federal Communications Commission pursuant to the Report and Order in FCC CC Docket 92-237, released 13 July 1995 (FCC 95-283)(formal cite not available). and the Public Notice in that same Docket released 9 August 1995 (DA 95-1721)(hereinafter "PN"). Nominations and/or applications for NANC membership were invited by the Commission in the PN.
2. Mr. Jubon is a citizen of the United States and a practicing professional engineer specializing in public telecommunications. His credentials are matters of record with this Commission, and are summarized in four exhibits ("... Biographic Sketch", "Experience Chronology ...", "Appearances ... as an Expert Witness", "Client List ...") accompanying this application. Mr. Jubon therefore has standing to submit this "Nomination / Application". Mr. Jubon's address and contact data are given in responses below.

3. In accordance with instructions contained in the PN, the following responses, organized by PN section/paragraph, are provided ...

Response to §I.B.5.a(1): Name of applicant:

Jan David Jubon

Response to §I.B.5.a(2): Title of applicant:

President/Principal, Jubon Engineering, P. C.

Response to §I.B.5.a(3): Description of interests represented:

Applicant proposes to represent the public interest, convenience, and necessity as a consulting professional in public switched telecommunications. Please refer to Attachment, "Statement of Intent supporting candidacy of Jan David Jubon, P. E. to serve on the North American Numbering Council Advisory Committee" for additional information.

Response to §I.B.5.b(1): Applicant's mail address:

Jan David Jubon, P. E.

Jubon Engineering, P. C.

3816 Winters Hill Drive

Atlanta, Georgia 30360-1331

Response to §I.B.5.b(2): Applicant's e-mail address (where available):

jdjubon@aol.com

Response to §I.B.5.b(3):      Applicant's telephone number:

Office: 770-828-0120

Home: 770-828-0110

Response to §I.B.5.b(4):      Applicant's facsimile number:

Fax: 770-828-0108

Response to §I.B.5.c:            Evidence that applicant ... is authorized to represent parties  
related to the interests the applicant ... proposes to represent.

Applicant proposes to represent the public interest, convenience, and necessity through his professional public practice as an active, independent consulting engineer having a specialty in public switched telecommunications. Applicant is a Registered Professional Engineer in six states and the District of Columbia, and is also registered as a qualified engineer with the National Council of Examiners for Engineers and Surveyors (NCEES). Applicant has a world-wide clientele (see accompanying "Client List ..."), and has appeared as an independent expert witness in telecommunications matters before this Commission, in the Courts, and in adjudicatory proceedings before state regulatory bodies (see accompanying tabulation "Appearances ... as an Expert Witness"). Additionally, Applicant currently and independently represents the public and government interests in telecommunications through his membership in the United States Department of Commerce, Bureau of Export Administration, Telecommunications Equipment Technical Advisory Committee (USDoC-BXA-TETAC). Please also refer to Attachment "Statement of Intent supporting candidacy of Jan David Jubon, P. E. to serve on the North American Numbering Council Advisory Committee".

Response to §I.B.5.d:           Reasons why applicant is an interested party.

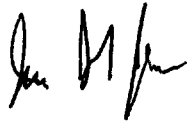
Applicant is a practicing professional telecommunications engineer. Applicant's practice daily involves determination and/or interpretation of public and private policy relating to telecommunications, including numbering plans and distribution and conservation of numbering resources. Please refer to Attachment "Statement of Intent supporting candidacy of Jan David Jubon, P. E. to serve on the North American Numbering Council Advisory Committee" for additional information (see also "Experience Chronology ...", attached).

Response to §I.B.5.e:           Written commitment that the applicant ... shall actively participate in good faith in the objectives of the Council.

Applicant, by his signature hereunder, formally commits to the public in general and to the Federal Communications Commission and other Sovereign Participants in the North American Numbering Plan in particular, that he will actively, objectively, in the public interest, and in good faith participate in achieving the objectives of the North American Numbering Council as set forth in this Docket, and as may from time to time be officially amended and/or superseded.

4.     In summary, Applicant, Jan David Jubon, respectfully submits that his election to the North American Numbering Council Advisory Committee will affirmatively serve the needs of the Federal Communications Commission, its counterparts in other World Zone One (WZ1) / North American Numbering Plan countries, and the interests, needs, and convenience of the general public.

5. Jan David Jubon, by his signature below, affirms all of the statements made above, and particularly affirms his commitment to constructive participation in the public interest in the work of the North American Numbering Council Advisory Committee.

by:   
Jan David Jubon, P. E.  
Applicant

Dated: 24 August 1995

Five attachments

**Attachment**

**Statement of Intent supporting candidacy of  
Jan David Jubon, P. E.  
to serve on the  
North American Numbering Council Advisory Committee**

Applicant submits this application/nomination consistent with his professional practice as an independent consultant in the public telecommunications industry. While Applicant has historically been associated with the wireless (common carrier paging, two-way, cellular) industry sector, Applicant's candidacy herein is sponsored solely by his personal and professional desire for fair competition, realization of the greatest public convenience and benefit, non-discriminatory access to public resources, and technical superiority and interworking compatibility in all aspects of public switched telecommunications.

Applicant possesses no assumption or predetermination of alignment favoring or opposing any particular practice, segment of the public telecommunications industry, or the public at large. Applicant's professional expertise, independence, and objectivity are matters of record before this Commission dating from the late 1970s through the present. Applicant's pursuit of objectivity and public benefit, and his breadth of knowledge of the worldwide public switched telecommunications network and numbering plan issues, are further evidenced by his record of productive participation in the ECSA/ATIS-sponsored, (generally) Bellcore moderated, technical Forum processes. More to the point, Applicant's record of extensive participation in and leadership roles within the Federal Communications Commission sponsored "Cellular Interconnection Working Groups" of 1982 through 1985 are exemplary of Applicant's objectivity and commitment to serving the public interest, with particularity pertinent to North American Numbering Plan issues and compatibility.

by:

Jan David Jubon, P. E.  
Applicant

Dated: 24 August 1995

## **Jubon Engineering, P. C.**

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3816 Winters Hill Drive  
Atlanta, Georgia 30360-1331  
Telephone: 770-828-0120 Fax: 770-828-0108

### **Jan David Jubon, P. E. - Biographic Sketch:**

Jan David Jubon is a registered professional engineer specializing in wired and wireless telecommunications.

His engineering/professional tenure began with Bell Telephone Laboratories, and advanced through New Jersey Bell to AT&T as Engineering Staff Specialist, advising the Bell Companies on both radio and switched network aspects of mobile services.

In 1974, Mr. Jubon moved to Motorola's Common Carrier Products organization with responsibilities for network compatibility issues, the initial design concepts for Motorola's EMX digital cellular switching systems, and representing Motorola's cellular telephony interests to overseas telecommunications administrations.

Based in New Jersey, Mr. Jubon entered private consulting engineering practice in 1977. In early 1990, he merged his individual practice, Jubon Engineering, Inc. into the Washington, D. C. area firm of Moffet, Larson and Johnson, Inc. After a major change in that firm's ownership, and short, specialized, senior engagements with two other Washington-based firms, Mr. Jubon, in late 1993, reopened his own firm and relocated to Atlanta, Georgia.

As a consultant, Mr. Jubon has designed or advised on many of the technical, operational, economic, administrative, and regulatory aspects of both wired and wireless telecommunications systems worldwide. His work embraces the creation and administration of standards and functional criteria appropriate to effective, efficient, and economical deployment and operation of both wireless and conventional wire-based exchange and interexchange services within the public switched telephone network. His wireless work includes in-depth participation in propagation, radio coverage, administrative and licensing issues. In addition, he participates regularly in the development and defense of related court and regulatory proceedings, and is a member of a US Department of Commerce Technical Advisory Committee.

Mr. Jubon holds a Bachelor of Science Degree in Electrical Engineering, Summa Cum Laude, from Newark College of Engineering (now known as New Jersey Institute of Technology), and is a member of the engineering honor societies Eta Kappa Nu and Tau Beta Pi. He is a Licensed Professional Engineer in six states and the District of Columbia, is registered with the National Council of Examiners for Engineers and Surveyors (NCEES), and holds FCC General Radio Telephone Operator and Amateur Extra Class Licenses. Also, he is a member of the Association of Federal Communications Consulting Engineers, a senior member of the IEEE, and a fellow of the Radio Club of America.

This information has been updated through August 1995.



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### **Experience Chronology for Jan David Jubon, P. E.:**

Mr. Jubon is a consulting telecommunications system engineer. He has designed or consulted on many of the technical, operational, economic, administrative, and regulatory aspects of wired and wireless telecommunications systems worldwide. His practice embraces the creation, application, and administration of standards and criteria appropriate to effective, efficient, and economical interconnection of wired and wireless exchange services with the larger public switched telephone network and participation in the development and defense of related court and regulatory proceedings. His expertise is also recognized in the areas of radio propagation and radio system design, federal licensing issues, and telephony and video related microwave systems. He is currently active in the technical issues surrounding convergence of the cable TV, telephone, and wireless industries.

#### **Current -**

Jubon Engineering, P. C. - Atlanta, Georgia  
Principal . . .

Scope of practice includes consultation services embracing all aspects of design, economics, regulation, administration and operation of public and private wired and wireless telecommunications systems worldwide. These aspects include radio propagation and financial issues as well as equipment configuration and deployment, and embrace the use of wired, optical and microwave distribution infrastructures. System and technology audits and evaluations are also included within his professional expertise. Equally significant areas of engagement address the regulatory aspects, interoperation, analysis and integrity of billing and operator services processes among end users, wire and radio exchange common carriers and interexchange service providers, including number/identity portability functions and the evolution of those factors into Personal Communications Services (PCS), as well as in the technical issues surrounding convergence of the cable TV, telephone, and wireless industries. Mr. Jubon participates in the ECSA/ATIS-sponsored telecommunications industry fora. Which seek provider consensus on technical and operational matters pertaining to the PSTN. Mr. Jubon also participates in the North American Numbering Plan review and update activities, and serves on the US Department of Commerce, Bureau of Export Administration, Telecommunications Equipment Technical Advisory Committee.

**1993 -**

Malarkey-Taylor Associates, Inc., Washington, D. C.

Senior vice president, senior engineer . . .

Scope of practice similar to that of previous engagement.

**1992 to 1993 -**

Jules Cohen & Associates, P. C., Washington, D. C.

Vice president, senior engineer . . .

Mr. Jubon's practice turned from radio systems and propagation toward regulatory and economic issues associated with public switched telecommunications (PSTN) and cable TV-telephony convergence. Areas of engagement included costs of service and technical standards and expectations affecting the operation and interconnection of cellular, paging, PCS, and TV cable-based consumer-serving systems within the public switched telephone network, as well as relations between the growing numbers of network service providers.

**1990 to 1992 -**

Moffet, Larson & Johnson, Inc., Falls Church, Virginia

Principal, senior engineer . . .

Scope of practice and industry involvement, while oriented more toward cellular services was otherwise much the same as it is currently.

**1978 to 1990 -**

Jubon Engineering, Inc., Atco, New Jersey

President . . .

In this position, Mr. Jubon developed a successful, individual practice in common carrier technical/engineering services, primarily those utilizing combinations of wired and radio transmission media. Jubon Engineering, Inc. employed between five and ten persons. During this time, Mr. Jubon was deeply involved in the FCC Docket 79-318 proceedings which shaped today's US cellular industry, and consulted for a major European equipment supplier on projects in a number of countries. In addition to participating prominently in the initial FCC cellular application process, he played key roles in the FCC's Cellular Interconnection Working Groups and Bellcore's Cellular Services Compatibility Seminar, formulating and achieving consensus for many particulars embodied in present FCC Rules Part 22, and inter-carrier relationship policies. Mr. Jubon was further engaged in formulating and defending key state regulatory concepts embracing massive changes in the radio -to- wireline carrier business and technical relationship spawned by the upheaval of telephone utility regulation in the wake of the AT&T divestiture. Mr. Jubon accepted an offer to join Moffet, Larson and Johnson in 1990, merging his practice into that of the larger firm.

**1977 to 1978 -**

CompComm, Inc., Cherry Hill, New Jersey  
Vice president . . .

Mr. Jubon entered engineering consultancy in 1977 through his position with this firm. His practice included radio paging and two-way common carrier services. During his year as vice president, he directed the four-fold growth of the firm's business.

**1974 to 1977 -**

Motorola, Inc., Common Carrier Products, Schaumburg, Illinois  
Senior group engineering staff . . .

Mr. Jubon's initial responsibility centered around network compatibility and high-volume call accounting issues involving Motorola's Pulsar line of IMTS control terminals. He then authored the original design and operational concepts for Motorola's EMX line of cellular telephone digital switching systems and oversaw initial development efforts. Throughout his tenure, Mr. Jubon represented Motorola's conventional and cellular common carrier telephony interests to overseas telecommunications administrations.

**1972 to 1974 -**

American Telephone and Telegraph Company (AT&T),  
General Departments, 195 Broadway, New York City  
Engineering Staff Specialist, Mobile Radio Transmission . . .

Nationwide responsibility for mobile telephony and paging system engineering design and deployment. Authored innovative, generic specifications (EL-2853) for non-Bell-System vendor development and supply of an enhanced mobile telephone switching system (IMTS-B) utilizing trunk level interconnection with the public switched network. Specifications required full coordination with Customer Records and Information Systems (billing/accounting, including fraud control), switching, plant and traffic departments. Oversaw development and installation of initial systems in New York and Wisconsin. Also authored or co-authored Bell System Technical References covering network interfaces and mobile telephony topics. Working with Bell Labs, participated in formulating initial Chicago Field Trial arrangements for AT&T/Illinois Bell. Mr. Jubon then accepted an offer from Motorola to join their Mobile Telephony development group.

**1970 to 1972 -**

New Jersey Bell Telephone Company, Headquarters Staff, Newark, New Jersey

Engineering Assistant, Transmission and Special Services Engineering . . .

In charge of mobile telephone and paging system design and engineering deployment throughout New Jersey. Proposed multi-company, regional frequency re-use and coordination plans which allowed a 220% capacity increase on state-wide VHF (150 MHz.) channels and authored a companion plan for regional UHF (450 MHz.) channels. Designed new, and supervised troubleshooting and re-specification of maintenance methodologies on existing NJ Bell operated Cable TV (private video service) facilities, as well as designing baseband cable video transmission systems. Promoted to position with AT&T.

**1968 to 1970 -**

Bell Telephone Laboratories, Murray Hill, New Jersey.

Technical Aide, Underground Plant Machinery Group . . .

Responsibilities revolved around assisting Members of Technical Staff developing a guided subterranean penetration device to be utilized in placing underground telephone service drops. Transferred to position with New Jersey Bell.

**1964 to 1968 (and part-time until 1970) -**

Broadcasting, various stations in central and northern New Jersey

Technician, disc jockey, newsperson . . .

Performed widely varying functions including transmitter technician, weather forecaster/reporter, news reporter, disc jockey, and technical assistant to three stations establishing new AM directional antenna systems.

**Other Accomplishments:**

- Licensed as a Professional Engineer in New Jersey. Subsequently licensed in Illinois, California, Louisiana, Georgia, Virginia and the District of Columbia and is registered with the National Council of Examiners for Engineers and Surveyors (NCEES).
- Awarded a Bachelor of Science Degree in Electrical Engineering, Summa Cum Laude, from Newark (New Jersey) College of Engineering in 1974.
- Member of engineering honor societies Eta Kappa Nu and Tau Beta Pi; member of the Association of Federal Communications Consulting Engineers; senior Member of the IEEE; fellow of the Radio Club of America.

The above information is current through August 1995.

## **Jubon Engineering, P. C.**

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### **APPEARANCES of JAN DAVID JUBON, P. E. as an EXPERT WITNESS**

Agency: Public Service Commission of Indiana  
Docket: 37200 - 37200-S1 - 37200-S2  
Filed: '83 - Attorneys retained dated copies  
On behalf of: RAM Communications, Inc. and Radio-Telephone Company of Indiana  
Subject: Access Charges - Feature Group E

Agency: State Corporation Commission of Kansas  
Docket: 139,896-U and 140,960-U  
Filed: '83, '84 - Attorneys retained dated copies  
On behalf of: General Communications Systems, Inc., et.al.  
Subject: Access Charges - Feature Group E

Agency: Michigan Public Service Commission  
Docket: U-7473  
Filed: November '83  
On behalf of: Michigan Association of Radiotelephone Systems  
Subject: Access Charges - Feature Group E

Agency: Minnesota Public Utilities Commission  
Docket: PUC-83-102-HC  
Filed: '83 - Attorneys retained dated copies  
On behalf of: The Minnesota Radio Common Carriers Association  
Subject: Access Charges - Feature Group E

Agency: Minnesota Public Utilities Commission  
Docket: PUC-84-057-BC  
Filed: Early '84 - Attorneys retained dated copies  
On behalf of: The Minnesota Radio Common Carriers Association  
Subject: RCC/Bell Relations, Charges

Agency: Public Utilities Commission of Ohio  
Docket: 83-464-TP-COI  
Filed: 30 September 1983  
On behalf of: Ohio Association of Radio Common Carriers  
Subject: Access Charges - Feature Group E

**Jubon Engineering, P. C.**

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APPEARANCES of JAN DAVID JUBON, P. E. as an EXPERT WITNESS  
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Agency: The Corporation Commission of the State of Oklahoma  
Docket: 28309  
Filed: '83 - Attorneys retained dated copies  
On behalf of: Mobilephone Services, Inc.  
Subject: Access Charges - Feature Group E

Agency: Pennsylvania Public Utilities Commission  
Docket: A-101521  
Filed: 28 May 1981, et.al.  
On behalf of: Empire Paging Corporation  
Subject: CPCN Case

Agency: Public Utilities Commission of Texas  
Docket: 5926  
Filed: Early '85 - Attorneys retained dated copies  
On behalf of: Houston Cellular Telephone Company, Metroplex Telephone Company, and  
Texas Association of Radio Systems  
Subject: Access Charges - Feature Group E

Agency: Public Services Commission of Utah  
Docket: 6969  
Filed: '81 - Attorneys retained dated copies  
On behalf of: Mobile Telephone, Inc., et.al.  
Subject: CPCN Case

Agency: Commonwealth of Virginia, State Corporation Commission  
Docket: PUC800017  
Filed: '81 - Attorneys retained dated copies  
On behalf of: RCC of Virginia  
Subject: CPCN Case

Agency: Public Services Commission of Wisconsin  
Docket: 05-TR-4  
Filed: May '84 - Attorneys retained dated copies  
On behalf of: The Wisconsin Association of Radio Common Carriers  
Subject: Access Charges - Feature Group E

Agency: Federal Communications Commission  
Docket: 78-314 and 78-315  
Filed: 9 November 1978  
On behalf of: Rogers Radio Communication Services, Inc.  
Subject: RCC/Bell Relations

## **Jubon Engineering, P. C.**

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### APPEARANCES of JAN DAVID JUBON, P. E. as an EXPERT WITNESS

Page 3 of 4 - (Current as of August 1995)

Agency: Federal Communications Commission  
Docket: 81-67  
Filed: '81 - Numerous submissions, attorneys retained dated copies  
On behalf of: Mobile Telephone, Inc.  
Subject: FCC Licensing Case

Agency: Michigan Public Service Commission  
Docket: U-8492  
Filed: 5 September 1986  
On behalf of: Detroit Cellular Telephone Company  
Subject: Tariff MPSC No. 13

Agency: U. S. District Court - Philadelphia  
Docket: Records not available  
Filed: 1975  
On behalf of: As an employee of Motorola  
Subject: IMTS Mobile Telephone signaling and operational patent infringement claims

Agency: U. S. District Court - San Francisco  
Docket: Civil No. C-86-0374-EFL  
Filed: November '86  
On behalf of: McCaw Communications  
Subject: Evaluation and testimony of potential for market monopoly by Pacific Telephone

Agency: Michigan Public Service Commission  
Docket: U-8716, U-9004, U-9005, U-9006, U-9007  
Filed: January '87 through present - Attorneys retained dated copies  
On behalf of: Michigan Association of Radiotelephone Systems, et.al.  
Subject: IntraLATA toll competition

Agency: Michigan Public Service Commission  
Docket: U-8816  
Filed: November '87 - Attorneys retained dated copies  
On behalf of: Michigan Association of Radiotelephone Systems, et.al.  
Subject: Tariffs MPSC Nos. 1, 3, 5 and 25

Agency: U. S. District Court - Dallas  
Docket: Civil No. CA3-89-0638-T  
Filed: 6 March 1989  
On behalf of: MetroCel Cellular Telephone Company - Defendant  
Subject: Southwestern Bell Mobile Systems complaint regarding technical content of advertising concerning digital transmission/switching

**Jubon Engineering, P. C.**

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APPEARANCES of JAN DAVID JUBON, P. E. as an EXPERT WITNESS

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Agency: Louisiana Public Service Commission  
Docket: U-18976  
Filed: 12 July 1990, concluded December 1992  
On behalf of: Radiofone, Inc., Century Cellunet, and other cellular intervenors  
Subject: Access rates and technical functions

Agency: Department of Public Utility Control - State of Connecticut  
Docket: 92-06-14  
Filed: 15 June 1992  
On behalf of: Message Center Beepers, Metromedia (a division of Southwestern Bell), et. al.-.  
Intervenors  
Subject: Tariff and technical proposals for wireless carrier interconnection.

Agency: Department of Public Utility Control - State of Connecticut  
Docket: 89-12-05  
Filed: 14 May 1991  
On behalf of: Message Center Beepers, Metromedia (a division of Southwestern Bell), et. al.-.  
Intervenors  
Subject: 800 code routing and charges for wireless carrier interconnection.

Agency: United States District Court for the Eastern District of Pennsylvania  
Docket: Civil Action No. 92-1814  
Filed: February 1993  
On behalf of: ATX Telecommunications Services, Inc.  
Subject: Long distance competition

Agency: Department of Public Utility Control - State of Connecticut  
Docket: 94-08-02  
Filed: November 1994  
On behalf of: Message Center Beepers, Inc.  
Subject: Rate case against Southern New England Telephone Company

Agency: Department of Public Utility Control - State of Connecticut  
Docket: 94-10-02 / 95-04-04  
Filed: April 1995  
On behalf of: Message Center Beepers, Inc.  
Subject: Mutual Compensation with Exchange Carriers



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### **CLIENT LIST of Jan David Jubon, P. E.**

The following is a partial list of clients for whom Mr. Jubon has performed a significant amount of work. These clients, listed by company name, include mobile radio, paging, cellular, telephone company, microwave, and common carrier operators and equipment suppliers. Many of these organizations have, due in part to assistance in technical areas by Mr. Jubon, since been very profitably sold, merged or consolidated into larger operating organizations.

All City Communications  
Arlington Heights, Illinois 60005

All Florida Communications  
Coral Gables, Florida 33134

Autophone of San Antonio  
San Antonio, Texas 78212

Amram, Ltd.  
Malvern, Pennsylvania 19355

American Cellular Network Corporation  
West Atlantic City, New Jersey 08232

American Telecommunications, Inc.  
Anaheim, California 92806

American Telephone and Telegraph Co.  
Headquarters Departments  
Basking Ridge, New Jersey 07920

American TeleServices  
Columbia, Maryland 21045

American Television and Communications  
Stamford, Connecticut 06902

Ameritech Mobile Communications, Inc.  
Schaumburg, Illinois 60173

ATX  
Philadelphia, Pennsylvania 19101

BBL Industries, Inc.  
Norcross, Georgia 30071

Beep Call  
Weirton, West Virginia 26062

Bell Atlantic Mobile Systems  
Basking Ridge, New Jersey 07920

Bell Telephone Labs  
Whippany, New Jersey 07981

Bell Telephone Labs  
Holmdel, New Jersey 07981

Bennett Communications  
Flint, Michigan 48502

Business Service Center  
Wausau, Wisconsin 54402

Capital Communication of Kentucky  
Frankfort, Kentucky 40601

Cellular One of Ocean County  
(Midland Communications Corporation)  
Toms River, New Jersey 08753

Central Mobile Radio Phone Service, Inc.  
Springfield, Ohio 45505

Cincinnati Bell Telephone Company  
Cincinnati, Ohio 45201

Cincinnati Cellular Telephone Company  
Cleveland Cellular Telephone Company  
Columbus Cellular Telephone Company  
New York City 10022

Comcast Corporation  
Philadelphia, Pennsylvania 19102

County of Prince George  
Prince George, Virginia 23875

Detroit Cellular Telephone Company  
Southfield, Michigan 48075

Dial-A-Page  
South Bend, Indiana 46601

Dial Call  
Atlanta, Georgia 30328

Graphic Scanning Corporation  
(Digital Paging, et.al.)  
Englewood, New Jersey 07631

Empire Paging Corporation  
Englewood Cliffs, New Jersey 07632

Ericsson Radio Systems, Inc.  
Lyndhurst, New Jersey 07071

Ericsson Radio Systems AB  
S-163-00 Stockholm, Sweden

Fromm Services, Inc.  
Green Bay, Wisconsin 54301

**List of Significant Clients of Jan David Jubon, P. E.**  
**Page 2 of 3 - (Current as of August 1995)**

Future Communications, Inc.  
Dwight, Illinois 60420

General Communication Systems, Inc.  
Wichita, Kansas 67211

General Electric  
Lynchburg, Virginia 24502

GTE Mobilnet  
Houston, Texas 77090

Gulf Coast Cellular Associates  
Washington, DC 20037

Guy Gannett Broadcasting Service  
Portland, Maine 04104

Harris Corporation  
Rochester, New York 14610

Honolulu Cellular Telephone Company  
New York City 10022

Houser Communications  
Peoria, Illinois 61602

Houston Cellular Telephone Company  
Houston, Texas 77027

ICS Communications  
(now part of Metromedia/SW Bell)  
Anaheim, California 92803

Interlink Communications of Louisiana  
Lafayette, Louisiana 70598

Horizon Cellular Corporation  
(Altoona CellTelCo)  
(Block B Cellular Corporation)  
(Cumberland CellTelCo)  
(IFC Cellular Partners)  
(Keystone Cellular Telephone Company)  
(Vermont Independent Cellular Tel.Co.)  
Doylestown, Pennsylvania 18901

Kidd's Communications  
Bakersfield, California 93306

King Communications  
Saginaw, Michigan 48605

KIOI  
San Francisco, California 94111

Los Angeles Cellular Telephone Company  
Beverly Hills, California 90211

Louisiana Association of Radio Common Carriers  
Baton Rouge, Louisiana

Marine Midland Bank  
New York, New York 10015

Massachusetts-Connecticut Mobile Telephone  
Company  
(Message Center Beepers)  
(Message Center, Inc., et.al.)  
Hartford, Connecticut 06105

MCI Airsignal  
Washington, DC 20036

McCaw Cellular Communications, Inc.  
Bellevue, Washington 98004

MetroCel Cellular Telephone Company  
Dallas, Texas 75248

Metro Mobile CTS  
New York, New York 10022

Michigan Association Radio Systems (MARS)  
Lansing, Michigan 48933

Mobile Communications Corporation  
of America (now p/o BellSouth)  
Jackson, Mississippi 39205

Mobile Radio Telephone Service  
(Mobile Telephone, Inc.)  
Salt Lake City, Utah 84115

Mobilfone of Baton Rouge  
Baton Rouge, Louisiana 70802

National Westminster Bank  
New York City 10038

Oklahoma City Cellular Telephone Company  
Oklahoma City, Oklahoma 73102

PageNet  
Plano, Texas 75093

Port City Communication, Inc.  
Port Huron, Michigan 48060

Pro-Phone Communications  
Muskegon, Michigan 49440

Public Service Associates  
Spokane, Washington 99203

Quintron Corporation  
Quincy, Illinois 62305

Radiofone  
Metairie, Louisiana 70002

RCC of Virginia  
Harrisonburg, Virginia

List of **Significant Clients** of Jan David Jubon, P. E.  
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Rogers Radio Communications Services, Inc.  
Schaumburg, Illinois 60173

Southwestern Bell Paging Services  
Schaumburg, Illinois 60173

Summit Mobile Radio Company  
Auburn, Maine 04210

Taconic Long Distance Service  
Chatham, New York 12037

Telephone Answering Services, Inc.  
Grand Rapids, Michigan 49502

Telocator Network of America  
Washington, DC 20036

Toledo Edison  
Toledo, Ohio 43699

Telpage of South Carolina  
North Charleston, South Carolina 29406

Tulsa Cellular Telephone Company  
(Crowley Enterprises)  
Washington, DC 20007

Valley Voice Paging  
Van Nuys, California 91401

Western Union  
Upper Saddle River, New Jersey 07458

Wiley, Rein, and Fielding  
Washington, DC 20006

WKBN Broadcasting Corporation  
(Youngstown Cellular Telephone Company)  
(Wilcom Corporation)  
Youngstown, Ohio 44501

WTK Communications  
Alvada, Ohio 44802